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Amendment Under 37 C.F.R. § 1.116
USSN 10/800,674

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.(Currently Amended) An abrasion-resistant jacket for a flexible cable with a cable core and a jacket made of an abrasion-resistant thermoplastic material surrounding the cable core, particularly for a drag chain cable or a robot cable, wherein the jacket comprises:

an inner extruded plastic layer (2);

a ~~strength layer~~braid (3) comprising a plurality of monofilament elements covering said inner plastic layer with a visual coverage of 40% to 70%, said monofilament elements having a diameter of between 0.15 and 0.25 mm and being made of at least one material selected from the group consisting of polyamide and polyethersulfone; and

an outer jacket layer (4) covering said ~~strength layer~~braid, said outer jacket layer (4) being applied by pressure extrusion such that the spaces in the ~~strength layer~~braid (3) are nearly filled by the material of the outer jacket layer, and the ~~layer~~braid (3) adheres to the inner sheath layer (2).

2-5. (Canceled)

6. (Currently Amended) An abrasion-resistant jacket as claimed in claim 1, for a cable with a metal braided shield surrounding said core, further comprising a separation layer of a non-woven material or a plastic foil (6) between the braided shield (5) and the ~~strength layer~~braid (3).

7. (Original) An abrasion-resistant jacket as claimed in claim 6, wherein the non-woven material or the plastic foil (6) is coated with a powder that swells in the presence of moisture.

8. (Original) An abrasion-resistant jacket as claimed in claim 1, for a cable with a plurality of wires, wherein the wires are embedded in an inner sheath.

9. (Previously Presented) An abrasion-resistant jacket as claimed claim 1, wherein said visual coverage is between 50% and 65%.

10. (Canceled)

11. (Previously Presented) An abrasion-resistant jacket as claimed in claim 1, wherein the jacket is made of at least one material selected from the group consisting of polyurethane, polyvinylchloride or a thermoplastic elastomer.

12. (Original) An abrasion-resistant jacket as claimed in claim 1, wherein the
mono filaments contain a fireproofing agent.